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Dkt. No. 09634/100L257-US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Bunpei Toji, et al.

Serial No.: 10/670,913

Filed: September 24, 2003

For: DISPLAY EQUIPMENT, DISPLAY METHOD, AND STORAGE MEDIUM
STORING A DISPLAY CONTROL PROGRAM USING SUB-PIXELS

January 14, 2004

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted in accordance with
37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this
statement and in the listed documents be considered during the pendency of the

{W:\09634\100L257US1\00117397.DOC [REDACTED] }

above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed: (Check one of the boxes A-D)

☐ A. Within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.

☒ B. before the mailing date of a first office action on the merits, or a first office action after filing a request for continued examination.

☐ C. after (A) and (B) above, but before the mailing date of a final rejection, a notice of allowance, or any other action that closes prosecution, and Applicants have made the necessary statement in box "i" below or paid the necessary fee in box "ii" below.

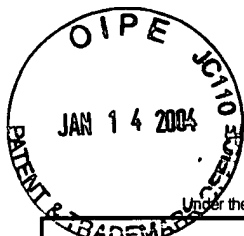
(check one of the boxes "i" and "ii" below:)

☐ i. Counsel states that, upon information and belief, each item of information listed herein was either (a) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

☐ ii. A check for the fee set forth in 1. 17(p), presently believed to be \$180, is enclosed.

☐ D. after (A), (B) and (C) above, but before payment of the issue fee: Counsel states that, upon information and belief, each item of information listed herein was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS; or (ii) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.

☐ i. A check for the fee set forth in 1.17 (p), presently believed to be \$180, is enclosed.



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | Complete if Known | | |
| | | | Application Number | 10/670,913 | |
| | | | Filing Date | September 24, 2003 | |
| | | | First Named Inventor | Bunpei Toji | |
| | | | Art Unit | N/A | |
| | | | Examiner Name | Not Yet Assigned | |
| Sheet | 1 | of | 2 | Attorney Docket Number | 09634/100L257-US1 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
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| | AB** | US-5,404,447-B1 | 04-04-1995 | Drako et al. | |
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| | AD** | US-5,450,208-B1 | 09-12-1995 | Murata | |
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| | AF** | US-5,768,490-B1 | 06-16-1998 | Hersch et al. | |
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| | AI** | US-5,852,443-B1 | 12/1998 | Kenworthy, Mark L. | |
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| | AL** | US-6,243,055-B1 | 06/2001 | Ferguson, James L. | |
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| | AN** | US-6,396,505-B1 | 05/2002 | Lui et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | BA** | EP-0 435 391-A2 | 07-03-1991 | Tanigaki et al. | | |
| | BB** | EP-1 158 485-A2 | 11-28-2001 | Okada et al. | | |
| | BC** | WO-00/21066-A1 | 04-13-2000 | Hill et al. | | |
| | BD** | WO-00/21067-A1 | 04-13-2000 | Hill et al. | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | CA** | GIBSON, STEVE: "Sub-pixel font rendering technology: implementation details" INTERNET, 'Online!; 8 December 1999, pages 1-4, XP002239840, (retrieved from the Internet: <URL:http://grc.com/ctech.htm>. | |
| | CB** | MARKOFF, JOHN: "Microsoft's Cleartype Sets Off Debate on Originality"; INTERNET, 'Online!; 7 December 1998, pages 1-4, XP002239841 (retrieved from the INTERNET: <URL:http://www.nytimes.../articles/07microsoft-flat.html>. | |
| | CC** | GIBSON RESEARCH CORPORATION, "Sub-Pixel Font Rendering Technology" pp1-2 Website: http://www.grc.com ; last edited February 20, 2000 | |
| | CD** | GIBSON RESEARCH CORPORATION, "Sub-Pixel Font Rendering: How it Works" pp1-9 Website: http://www.grc.com ; last edited February 11, 2002 | |

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| Examiner Signature | | Date Considered | |
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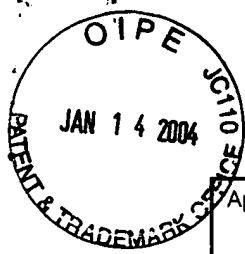
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|---|---|----|---|--------------------------|--------------------|
| Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | 10/670,913 |
| | | | | Filing Date | September 24, 2003 |
| | | | | First Named Inventor | Bunpei Toji |
| | | | | Art Unit | N/A |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 2 | of | 2 | Attorney Docket Number | 09634/100L257-US1 |

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| CE** | GIBSON RESEARCH CORPORATION, "Sub-Pixel Font Rendering Technology: Implementation Details" pp 1-7; Website: http://grc.com ; last edited February 8, 1999 |
|------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120.

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|-----------------------|--|--------------------|--|
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Application No. (if known): 10/670,913

Attorney Docket No.: 09634/100L257-US1

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